BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Construction of Hospital Building at Ward No-11 (Kuvempunagara) in Vidyaranayapura Sub Division

Agency	**Sri.C.N.S Murthy #12,3rd cross, S.V.G.N.S.S Layout,3rd stage, 4th Block, Basaveshwaranagar, Banglore-560 079**

RATE ANALYSIS

Approved Amount	**31389695.750**
Name of Contractor:-	**Sri.C.N.S Murthy**
Tender premium:-	**+7.92% (Above)**

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)7.92%	Final Rate.
1	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work . ---- All terms and conditions are as per Tender Document	cum	Pg No.5 of KPWD S.R 2016-17	2.4	283.00	-	283.00	22.64	305.64	24.206688	329.85
2	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and as per the directions of the Engineer-in-charge of the work . ---- All terms and conditions are as per Tender Document	cum	Pg No.6 of KPWD S.R 2016-17	2.15	2114.00	-	2114.00	169.12	2283.12	180.823104	2463.94

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)7.92%	Final Rate.
3	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work . ---- All terms and conditions are as per Tender Document	cum	Pg No.12 of KPWD S.R 2016-17	4.3	4867.00	-	4867.00	389.36	5256.36	416.303712	5672.66
4	Providing and laying in position plain cement concrete of mix (M15) with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the directions of the Engineer-in-charge of the work . ---- All terms and conditions are as per Tender	cum	Pg No.12 of KPWD S.R 2016-17	4.6	5441.00	-	5441.00	435.28	5876.28	465.401376	6341.68
6	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications and as per the directions of the Engineer-in-charge of the work . ---- All terms and conditions are as per Tender Document	cum	Pg No.6 of KPWD S.R 2016-17	2.1	127.00	-	127.00	10.16	137.16	10.863072	148.02

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)7.92%	Final Rate.
7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons and as per the directions of the Engineer-in-charge of the work . ---- All terms and conditions are as per Tender	SQm	Pg No.15 of KPWD S.R 2016-17	4.28	231.00	-	231.00	18.48	249.48	19.758816	269.24
8	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons and as per the directions of the Engineer-in-charge of the work . ---- All terms and conditions are as per Tender Document	SQm	Pg No.15 of KPWD S.R 2016-17	4.31	293.00	-	293.00	23.44	316.44	25.062048	341.50
9	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and as per the directions of the Engineer-in-charge of the work (GROUND & BASEMENT FLOOR) ---- All terms and conditions are as per Tender Document	SQm	Pg No.16of KPWD S.R 2016-17	4.32	366.00	-	366.00	29.28	395.28	31.306176	426.59

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)7.92%	Final Rate.
32	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and First Floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work . ---- All terms and conditions are as per Tender Document	Cum	Pg No.13 of KPWD S.R 2016-17	4.1	6221.00	-	6221.00	497.68	6718.68	532.119456	7250.80

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)7.92%	Final Rate.
33	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in Ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars, posts, struts. butters, string or lacing courses , parapets, coping, bed blocks, anchor blocks ,plain window cills, fillets including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.ets including cost of all materials, labour.HOM of machinery, curing, complete as per specifications and as per the directions of the Engineer-in-charge of the work . (GROUND & BASEMENT FLOOR) ---- All terms and conditions are as per Tender Document	Cum	Pg No.13 of KPWD S.R 2016-17	4.12	6367.00	-	6367.00	509.36	6876.36	544.607712	7420.97
42	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work .	tonne	Pg No.13 of KPWD S.R 2016-17	4.46.2	60607.00	-	60607.00	4848.56	65455.56	5184.08035	70639.64

Sl No	Description.	Unit	Page	Item	Basic rate	Lift charges	Total	AW @ 8%	Total Rate	Add T.P (+)7.92%	Final Rate.
107	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. ---- All terms and conditions are as per Tender Document	Cum	Pg No.13 of KPWD S.R 2016-17	4.12	74.40		74.40	5.952	80.35	6.3638784	86.72
E1	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour & HOM of machineries, as per drawing and technical specification.	cum	Pg No.7 of KPWD S.R 2016-17	2.24	68.00	-	68.00	5.44	73.44	5.816448	79.26
E2	KSRB 2-2.4 : Excavation 1.5m and above in width in soft rock without blasting for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches not exceeding 1.5 m. in depth, stacking the excavated stuff from edges of excavation with lead upto 50m including cost of explosives, labour and HOM of equipment complete as per specifications. specification. No. KBS 2.1.C / 2.9.4 / 2.18 / 2.19	cum	Pg No.5 of KPWD S.R 2016-17	2.6	883.00	-	883.00	70.64	953.64	75.528288	1029.17

Asst Engineer

Executive Engineer